

# AMAL

## Replacement parts for Amal fuel lift pump as fitted to **GARDNER** Diesel Engines

Parts list on inside pages.

Diagram on back page.

For prices please refer to supplementary list.

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### Guarantee

The Company takes all possible reasonable care in the manufacture and the quality of its products. Purchasers are informed that any part proved to be defective in manufacture or quality, and returned to the works within six months of its purchase new, will be replaced. The Company must respectfully point out, however, that its responsibility and that of its agents, stockists and dealers is limited to this Guarantee, and that they cannot, under any circumstances, be held responsible for any loss or for any contingent or resulting liability arising through any defect. These conditions of sale and use also apply when the Company's products form part of the original equipment of machines purchased new.

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### Amal

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Telephone 021-356 4801. Telegrams 'Amalcarb' Phone Birmingham'

Telex-Bircom G 338024. Begin all messages 'Amal'

an IMI company



**COMPONENTS**

6LX-6LXB-8LXB  
(Also 2-6LW & 4LK  
Cambox mounted)

6HLX-6HLXB

6L3B-8L3B

<b>Complete fuel pump</b>	120/1451	120/1251	120/1458	120/1258	120/1456	120/1256
1 Body (top half)	120/336	120/336	120/342	120/342	120/336	120/336
2 Body (bottom half)	120/261	120/261	120/261	120/261	120/261	120/261
3 Delivery valve complete	120/345	120/345			120/345	120/345
<b>Pump components</b>						
<b>Body</b>						
4 Body fixing screw	120/223	120/223	120/223	120/223	120/223	120/223
5 Securing washer (on screw)	240/041	240/041	240/041	240/041		
6 Body fixing screw nut	194/029	194/029	194/029	194/029	194/029	194/029
7 Fixing screw washer (on nut)	136/040	136/040	136/040	136/040	136/040	136/040
8 Top cover screw	140/016	140/016	140/016	140/016	140/016	140/016
9 Top cover (spindle)	120/093	120/093	120/093	120/093	120/093	120/093
10 Priming lever (cam type)	140/025	140/025	140/025	140/025	140/025	140/025
11 Priming lever spring	140/029	140/029	140/029	140/029	140/029	140/029
12 Priming lever cam	120/236	120/236	120/236	120/236	120/236	120/236
13 Cam washer	120/237	120/237	120/237	120/237	120/237	120/237
14 Cam nut	244/538	244/538	244/538	244/538	244/538	244/538
15 Lever or rocker arm	120/054	120/054	120/341	120/341	120/086	120/086
16 Lever bush	120/314	120/314	120/314	120/314	120/314	120/314
17 Lever spring	140/017	140/017	140/017	140/017	140/017	140/017
18 Lever fulcrum pin	140/010	140/010	140/010	140/010	140/010	140/010
19 Fulcrum pin split pin	140/012	140/012	140/012	140/012	140/012	140/012
20 Banjo union connection for $\frac{3}{8}$ in. pipe banjo	120/301	120/301	120/301	120/301		
21 Banjo union connection nut	120/138	120/138	120/138	120/138		
22 Banjo connection washer	240/059	240/059	240/059	240/059		
23 Banjo and inlet union washer	120/036	120/036	120/036	120/036		
<b>Diaphragm</b>						
24 Diaphragm (per set of three)	120/029	120/029	120/029	120/029	120/029	120/029
25 Top washer	120/028	120/028	120/028	120/028	120/028	120/028
26 Bottom washer	120/030	120/030	120/030	120/030	120/030	120/030
27 Spindle	140/011	140/011	140/011	140/011	140/011	140/011
28 Spring	136/081	120/042	136/081	120/042	136/081	120/042
29 Bolt	136/021	136/021	136/021	136/021	136/021	136/021
30 Bolt washer	136/022	136/022	136/022	136/022	136/022	136/022
<b>Delivery Valve</b>						
31 Valve body			120/277	120/277		
32 Body Bolt			120/034	120/034		
33 Body washer			120/036	120/036		
34 Valve seating			120/022	120/022		
35 Valve ball			120/023	120/023		
36 Body plug			120/278	120/278		
37 Plug washer			136/036	136/036		
38 Body banjo						
39 Banjo bolt			120/034	120/034		
40 Bolt washer			120/036	120/036		
41 Delivery connection			120/304	120/304		
42 Connection washer	136/036	136/036	136/036	136/036	136/036	136/036
<b>Filter</b>						
43 Cup	120/026	120/026	120/026	120/026	120/026	120/026
44 Cup washer	120/025	120/025	120/025	120/025	120/025	120/025
45 Ring		120/125				120/126
46 Gauze		120/130				120/130
47 Filter cup stirrup	120/027	120/027	120/027	120/027	120/027	120/027
48 Stirrup eyebolt	136/063	136/063	136/063	136/063	136/063	136/063
49 Stirrup distance piece	136/033	136/033	136/033	136/033	136/033	136/033
50 Wing or knurled nut	120/363	939/9	120/363	939/9	120/363	939/9
<b>Inlet Valve</b>						
51 Holder			120/365	120/280		
52 Stop			120/366	120/282		
53 Seating	120/362	120/124	120/362	120/281	120/362	120/124
54 Disc	136/024	136/024	136/024	136/024	136/024	136/024
55 Return spring	120/286		120/286		120/286	
56 Shim (0-005)*			120/283	120/283		
Shim (0-010)*			120/284	120/284		

\*These Shims are for locating inlet valve holder and are only fitted where necessary.

N.B. Pump numbers 120/1255 and 120/1455 have a shallow filter cup (120/126) and stirrup (120/129) but are otherwise identical with pump numbers 120/1251 and 120/1451.

6LW-6LW20 RANKCASE MOUNTED (Also 4LW-5LW with non-enclosed governor)		5LW20 CRANKCASE MOUNTED (Also 4LW-5LW with enclosed governor)		6HLW (Also 4HLW-5HLW with non-enclosed governor)		4HLW-5HLW (With enclosed governor)		L3	
120/1450	120/1250	120/1460	120/1260	120/1454	120/1254	120/1461	120/1261	120/1453	120/1253
120/336	120/336	120/336	120/336	120/336	120/336	120/336	120/336	120/334	120/334
120/261	120/261	120/348	120/348	120/261	120/261	120/348	120/348	120/261	120/261
120/345	120/345	120/345	120/345					120/345	120/345
120/223	120/223	120/223	120/223	120/223	120/223	120/223	120/223	120/223	120/223
		240/041	240/041	240/041	240/041	240/041	240/041	240/041	240/041
194/029	194/029	194/029	194/029	194/029	194/029	194/029	194/029	194/029	194/029
136/040	136/040	136/040	136/040	136/040	136/040	136/040	136/040	136/040	136/040
140/016	140/016	140/016	140/016	140/016	140/016	140/016	140/016	140/016	140/016
120/093	120/093	120/093	120/093	120/093	120/093	120/093	120/093	120/093	120/093
140/025	140/025	140/025	140/025	140/025	140/025	140/025	140/025	140/025	140/025
140/029	140/029	140/029	140/029	140/029	140/029	140/029	140/029	140/029	140/029
120/236	120/236	120/236	120/236	120/236	120/236	120/236	120/236	120/236	120/236
120/237	120/237	120/237	120/237	120/237	120/237	120/237	120/237	120/237	120/237
244/538	244/538	244/538	244/538	244/538	244/538	244/538	244/538	244/538	244/538
120/050	120/050	120/050	120/050	120/050	120/050	120/050	120/050	120/086	120/086
120/314	120/314	120/314	120/314	120/314	120/314	120/314	120/314	120/314	120/314
140/017	140/017	140/017	140/017	140/017	140/017	140/017	140/017	140/017	140/017
140/010	140/010	140/010	140/010	140/010	140/010	140/010	140/010	140/010	140/010
140/012	140/012	140/012	140/012	140/012	140/012	140/012	140/012	140/012	140/012
120/301	120/301	120/301	120/301	120/301	120/301	120/301	120/301	120/301	120/301
120/138	120/138	120/138	120/138	120/138	120/138	120/138	120/138	120/138	120/138
240/059	240/059	240/059	240/059	240/059	240/059	240/059	240/059	240/059	240/059
120/036	120/036	120/036	120/036	120/036	120/036	120/036	120/036	120/036	120/036
120/029	120/029	120/029	120/029	120/029	120/029	120/029	120/029	120/029	120/029
120/028	120/028	120/028	120/028	120/028	120/028	120/028	120/028	120/028	120/028
120/030	120/030	120/030	120/030	120/030	120/030	120/030	120/030	120/030	120/030
140/011	140/011	140/011	140/011	140/011	140/011	140/011	140/011	140/011	140/011
136/081	120/042	136/081	120/042	136/081	120/042	136/081	120/042	136/081	120/042
136/021	136/021	136/021	136/021	136/021	136/021	136/021	136/021	136/021	136/021
136/022	136/022	136/022	136/022	136/022	136/022	136/022	136/022	136/022	136/022
				120/277	120/277	120/277	120/277		
				120/034	120/034	120/034	120/034		
				120/036	120/036	120/036	120/036		
				120/022	120/022	120/022	120/022		
				120/023	120/023	120/023	120/023		
				120/278	120/278	120/278	120/278		
				136/036	136/036	136/036	136/036		
				120/034	120/034	120/034	120/034		
				120/036	120/036	120/036	120/036		
				120/304	120/304	120/304	120/304		
136/036	136/036	136/036	136/036	136/036	136/036	136/036	136/036	136/036	136/036
120/026	120/026	120/026	120/026	120/026	120/026	120/026	120/026	120/026	120/026
120/025	120/025	120/025	120/025	120/025	120/025	120/025	120/025	120/025	120/025
	120/125		120/125						120/125
	120/130		120/130						120/130
120/027	120/027	120/027	120/027	120/027	120/027	120/027	120/027	120/027	120/027
136/063	136/063	136/063	136/063	136/063	136/063	136/063	136/063	136/063	136/063
136/033	136/033	136/033	136/033	136/033	136/033	136/033	136/033	136/033	136/033
120/363	939/9	120/363	939/9	120/363	939/9	120/363	939/9	120/363	939/9
				120/365	120/280	120/365	120/280		
				120/366	120/282	120/366	120/282		
120/362	120/124	120/362	120/124	120/362	120/281	120/362	120/281	120/362	120/124
136/024	136/024	136/024	136/024	136/024	136/024	136/024	136/024	136/024	136/024
120/286		120/286		120/286		120/286		120/286	
				120/283	120/283	120/283	120/283		
				120/284	120/284	120/284	120/284		

